

needs in central North Carolina. Improvements are needed to relieve congestion and improve mobility on the existing facility such that a minimum of LOS D can be achieved.

US 64 is currently a 2 lane facility with 12 foot lanes from Davidson County to west of John Crotts Road (SR 1602). US 64 is functionally classified as a minor arterial and is part of the statewide tier of NCMIN. US 64 is designated as an expressway on NCDOT's SHC Vision Plan and is intended to provide mobility in Davie County and, ultimately, connectivity between Statesville and Raleigh.

By 2035, traffic on US 64 from Cornatzer Road (SR 1606) to west of John Crotts Road (SR 1602), is projected to range between 12,000 vpd and 14,200 vpd compared to a LOS D capacity of 15,800 vpd. From Cornatzer Road (SR 1606) to Davidson County, traffic is projected to range between 9,000 and 9,200 vpd compared to a LOS D capacity of 15,800 vpd.

The CTP project proposal (Local ID R-3602A) is to widen US 64 from a 2 lane facility to a 4 lane expressway from Davidson County to west of John Crotts Road (SR 1602). As development occurs along this corridor every effort should be made to limit access in order to maintain mobility and connectivity.

Based on a planning level environmental assessment using available GIS data, portions of the proposed project is adjacent to a water supply watershed area in eastern Davie County and crosses several wetland areas. Additionally, the proposed project is in the vicinity of a natural heritage element occurrence area at the Davidson County line. There are also water lines along the facility.

The 2003 Davie County Thoroughfare Plan also included this project.

Minor Widening Improvements

The following routes are recommended to be upgraded to two 12 foot lanes with paved shoulders to improve narrow lane widths and/or to accommodate bicycles.

- **DAVIE0003-H:** US 158, from the Winston-Salem MPO Planning Area Boundary (PAB) at Juney Beauchamp Road (SR 1632) to Dulin Road (SR 1636)
- **DAVIE0022-H:** NC 801, from US 601 to Farmington Road (SR 1410)
- **DAVIE0022-H:** NC 801, from the Winston-Salem MPO PAB at Peoples Creek Road (SR 1650) to US 601
- **DAVIE0023-H:** Angell Road (SR 1414/SR 1406/SR 1466), from Main Church Road (SR 1405) to Woodward Road (SR 1407) and from Woodward Road (SR 1407) to Liberty Church Road (SR 1002)
- **DAVIE0024-H:** Bobbitt Road (SR1444), from Farmington Road (SR 1410) to Rainbow Road (SR 1441)